**Losses to Nangloi treatment plant**

1851. SHRI PREM CHAND GUPTA:
SHRI SANJAY NIRUPAM:

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether it is a fact that nearly 30 per cent to 40 per cent of the water released from Shakra Dam for the Nangloi treatment plant is lost due to evaporation during transportation through an open air carrier channel;

(b) whether it is a fact that out of the water which finally reaches the Nangloi treatment plant 25 per cent is lost due to leakage in the pipes and pilferage; and

(c) what steps are being taken by the Government to prevent this wastage considering the acute shortage of water?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) The enroute losses including evaporation losses in the conveyance system between Nangal reservoir downstream of Bhakra Dam and Munak Head and between Munak Head to Haiderpur treatment plant are taken as 13 per cent and 30 per cent respectively.

(b) Delhi Jal Board has assessed the extent of production and distribution losses in Nangloi treatment plant as 15 per cent.

(c) To reduce transit losses, a parallel lined channel from Munak to Haiderpur is planned to be constructed. Further, an expert team has been constituted to look into the reasons of excessive losses in the conveyance system for supply of raw water to Delhi and to suggest remedial measures to overcome it.

**Sharing of Yamuna Water**

†1852. SHRI P.K. MAHESHWARI: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether an agreement had been signed on 12.5.1994 among the Chief Ministers of Himachal Pradesh, Uttar Pradesh, Haryana, Rajasthan and Delhi regarding the sharing of Yamuna water;

(b) if so, the main conditions of this agreement;

(c) whether conditions of this agreement are being implemented;

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† Original notice of the question was received in Hindi.

(d) if not, the reasons therefor; and

(e) what is Government's reaction in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) Yes, Sir.

(b) As per the Memorandum of Understanding dated 12.5.94, the basin States had agreed on the following allocation of utilizable water resources of river Yamuna assessed on mean year availability.

| | | |
|---|---|---|
| Haryana | : | 5.730 Billion Cubic Metre |
| Uttar Pradesh | : | 4.032 Billion Cubic Metre |
| Rajasthan | : | 1.119 Billion Cubic Metre |
| Himachal Pradesh | : | 0.378 Billion Cubic Metre |
| Delhi | : | 0.724 Billion Cubic Metre |

Pending construction of storages in upper reaches of river Yamuna, an interim seasonal allocation of the annual utilizable flow of river Yamuna has also been provided in the Memorandum of Understanding. This interim seasonal allocation shall get progressively modified as storages are constructed to the final annual allocations as indicated above.

Provided that in a year when the availability is more than the assessed quantity, the surplus availability will be distributed amongst the States in proportion to their allocations and when the availability in a year is less than the assessed quantity, first the drinking water allocation of Delhi will be met and balance will be distributed amongst Haryana, Uttar Pradesh, Rajasthan and Himachal Pradesh in proportion to their allocations.

A minimum flow in proportion of completion of upstream storages going upto 10 cumec shall be maintained downstream of Tajewala and downstream of Okhla Headworks throughout the year from ecological considerations, as upstream storages are build up progressively in phased manner.

Separate agreement will be executed in respect of each identified storage.

Allocation of available flows among the beneficiary States will be regulated by the Upper Yamuna River Board within the overall framework of this agreement.

The agreement may be reviewed after the year 2025, if any of the basin States so demand.

(c) to (e) The agreement is being implemented as per the terms and conditions. However, some of the States are not getting their allocated share of Yamuna waters due to reduced capacity of conveyance system being maintained by other beneficiary States. The issue is under consideration of Upper Yamuna River Board.

**Quantum of Yamuna water utilised for human consumption**

†1853. SHRI KAPIL SIBAL:
SHRI RAJ MOHINDER SINGH:

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether Government have assessed the quantum of water flowing in Yamuna river;

(b) if so, the total quantum of water that flows in Yamuna river throughout the year and the quantum of such water which can be utilised; and

(c) the total quantum of water in Yamuna which is being utilised for human consumption at present?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY) (a) Yes, Sir.

(b) Average yearly total quantum of water flowing in river Yamuna (including Chambal) is 89795 million cubic metre out of which about 60% is utilizable.

(c) The total quantum of water in Yamuna which is being utilized for domestic use is 3224 million cubic metre as per the projection made by Ganga Brahmaputra Water Studies Organisation (GBWSO) taking 1975-76 as base year and with certain assumptions.

**Funds allocated to Accelerated Irrigation Gain Programme in Madhya Pradesh**

†1854. SHRI SURESH PACHOURI:
SHRI BRATIN SENGUPTA:

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether Government of Madhya Pradesh has submitted some schemes to the Central Government to increase irrigation capacity in the State;

(b) if so, the details thereof and by when these schemes will be accorded approval;

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† Original notice of the Question was received in Hindi.